



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Z. Hu et al.

Attorney Docket No.: SEMT119899

Application No.: 10/667,795

Filed: September 22, 2003

Title: THIOUREA- AND CYANIDE-FREE BATH AND PROCESS FOR  
ELECTROLYTIC ETCHING OF GOLD

**POWER OF ATTORNEY BY ASSIGNEE AND  
CERTIFICATION UNDER 37 C.F.R. § 3.73(B)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

I, the undersigned, acting on behalf of the Assignee of the entire right, title, and interest in the above-identified patent application, by virtue of an Assignment from Zhongmin Hu executed on September 10, 2003, and Eric J. Young executed on September 11, 2003, a copy of which is attached, appoint the attorneys and agents listed below to prosecute this application and transact all business with the U.S. Patent and Trademark Office in connection therewith. This appointment is to the exclusion of the inventor(s) and their attorney(s) and agent(s) in accordance with the provisions of 37 C.F.R. § 3.71.

All prior powers of attorney for this application are hereby revoked. The Assignee hereby appoints the firm of Christensen O'Connor Johnson Kindness<sup>PLLC</sup> and Lee E. Johnson, Reg. No. 22,946; Gary S. Kindness, Reg. No. 22,178; James W. Anable, Reg. No. 26,827; James R. Uhlir, Reg. No. 25,096; Jerald E. Nagae, Reg. No. 29,418; Dennis K. Shelton, Reg. No. 26,997; Jeffrey M. Sakoi, Reg. No. 32,059; Ward Brown, Reg. No. 28,400; Robert J. Carlson, Reg. No. 35,472; Rodney C. Tullett, Reg. No. 34,034; Daiva K. Tautvydas, Reg. No. 36,077; Maria L. C. Anderson, Reg. No. 40,574; Julie C. VanDerZanden, Reg. No. 38,105; George E. Renzoni, Ph.D., Reg. No. 37,919; Philip P. Mann, Reg. No. 30,960; George S. Farber, Reg. No. 41,497; Kevan L. Morgan, Reg. No. 42,015; John D. Denkenberger, Reg. No. 44,060; and Melanie J. Seelig, Reg. No. 44,328 members of the firm, with full power to prosecute said application and to transact all business in the United States Patent and Trademark Office connected therewith.

I also hereby grant the following attorney a principal power of attorney with full power to prosecute this application and transact all business in the U.S. Patent and Trademark Office connected therewith: Harry M. Cross, Jr., Reg. No. 22,229.

Direct all telephone calls to Jeffrey M. Sakoi at telephone number 206.695.1713. Address all correspondence to:

**Customer No. 26389**

CHRISTENSEN O'CONNOR JOHNSON KINDNESS<sup>PLLC</sup>  
1420 Fifth Avenue, Suite 2800  
Seattle, WA 98101-2347

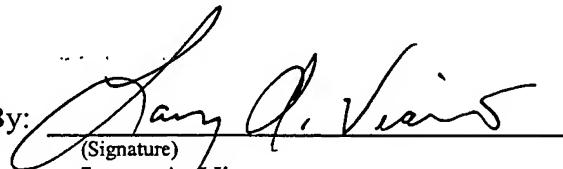
In accordance with 37 C.F.R. § 3.73(b), I hereby certify that I am empowered to act on behalf of the Assignee. To the best of my knowledge and belief, title is in the Assignee, as evidenced by the Assignment noted above.

I further declare that the statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, U.S.C. § 1001, and that such willful false statements may jeopardize the validity of this application or any patent resulting therefrom.

**ASSIGNEE:**

SEMITOOL, INC.,  
a Montana corporation

By:

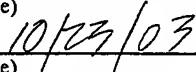
  
(Signature)

Larry A. Viano

(Typed Name)

Secretary and Chief Financial Officer

(Title)

  
(Date)

655 West Reserve Drive  
Kalispell, Montana 59901

JMS:mxc

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Attorney Docket No. SEMT119899

P03-0010

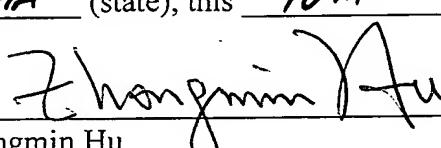
## ASSIGNMENT

WHEREAS, we, Zhongmin Hu, residing at 87 Hawthorn Avenue, Apt. 3, Kalispell, Montana 59901 and Eric J. Young, residing at 386 E. Fairbrook, Boise, Idaho 83706, are the inventors named in an application for Letters Patent of the United States, entitled THIOUREA-AND CYANIDE-FREE BATH AND PROCESS FOR ELECTROLYTIC ETCHING OF GOLD, executed by Zhongmin Hu on 9/10/03 and by Eric J. Young on 9/11/03;

AND, WHEREAS, Semitool, Inc., a Montana corporation, having a principal place of business at 655 West Reserve Drive, Kalispell, Montana 59901 (hereinafter referred to as ASSIGNEE), is desirous of acquiring our entire right and title to and interest in our invention disclosed in said application;

NOW, THEREFORE, for sufficient, good and valuable consideration, the receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto ASSIGNEE our entire right and title to and interest in said application and said invention, including the right to apply for international patents and patents thereon in foreign countries in our name or in the name of ASSIGNEE, said invention and all applications and patents on said invention to be held and enjoyed by ASSIGNEE as entirely as the same would have been held and enjoyed by us had this sale, assignment and transfer not been made, and we do hereby further agree and promise to execute all instruments and render all such assistance as ASSIGNEE may request in order to make and prosecute any and all applications on said invention, to enforce any and all patents on said invention, and to confirm in ASSIGNEE legal title to said invention and all applications and patents on said invention, all without charge to ASSIGNEE but at no expense to us.

Executed at KALISPELL (city), MONTANA (state), this 10TH day of September, 2003.

  
Zhongmin Hu

STATE OF MONTANA)  
) ss.

COUNTY OF FLATHEAD)

I certify that I know or have satisfactory evidence that Zhongmin Hu is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: 9/10/03

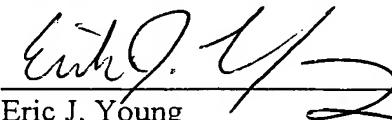
(Seal or stamp)

  
Signature  
Notary Public  
My appointment expires JUNE 16, 2007

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Executed at KALISPELL (city), MONTANA (state), this 11th day of  
SEPTEMBER, 2003.

  
Eric J. Young

STATE OF MONTANA)  
) ss.

COUNTY OF FLATHEAD)

I certify that I know or have satisfactory evidence that Eric Young is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: 9/11/03

(Seal or stamp)

  
Signature  
Notary Public  
My appointment expires JUNE 16, 2007

JMS/mxc